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Attorney Docket No.: GM50053

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brown, *et al.* 05 November 2001
International Application No.: PCT/US00/12251 Group Art Unit: Unknown
International File Date: 04 May 2001 Examiner: Unknown
For: Methods Using Mechanisms of Action of AroA
Assistant Commissioner of Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to the first Office Action on the merits, the Applicants request entry of the following amendment.

In the Claims:

Please amend Claims as follows:

34. (Amended) A method for inhibiting an activity of AroA polypeptide comprising the steps of contacting a composition comprising said polypeptide with an effective amount of an antagonist that inhibits an activity of AroA, wherein said activity is selected from the group consisting of:
synthesis of p-aminobenzoate,
synthesis of ubiquinone,
transformation of phospho(enol)pyruvate (PEP) and shikimate 3-phosphate (S3P) to EPSP and inorganic phosphate (Pi),
transformation of EPSP and inorganic phosphate (Pi) to phospho(enol)pyruvate (PEP) and shikimate 3-phosphate (S3P).